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Modeling electronic structure and transport properties of graphene with resonant scattering centers

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Erratum: Modeling electronic structure and transport properties of graphene with resonant scattering centers [Phys. Rev. B **82, 115448 (2010)]**

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In Fig. 15, the concentrations of hydrogen impurities for the green and blue curves should be corrected as $n_i = 1\%$ and $n_i = 10\%$, respectively, and the last sentence in Sec. V should be changed to “The Van Hove singularity of clean graphene is smeared out completely for concentrations larger than 10%.”

All the other results and conclusions in the paper remain unchanged.